

## 2018 Current Fiscal Year Report: Proposal Review Panel for Earth Sciences

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### 1. Department or Agency

National Science Foundation

### 2. Fiscal Year

2018

### 3. Committee or Subcommittee

Proposal Review Panel for Earth Sciences

### 3b. GSA Committee No.

1569

### 4. Is this New During Fiscal Year?

No

### 5. Current Charter

06/30/2017

### 6. Expected Renewal Date

06/30/2019

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority

Agency Authority

### 12. Specific Establishment Authority

ADM IV-100

### 13. Effective Date

03/30/1984

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Grant Review Committee

### 16a. Total Number of Reports

No Reports for this Fiscal Year

### 17a. Open 0 17b. Closed 25 17c. Partially Closed 0 Other Activities 0 17d. Total 25 Meetings and Dates

Purpose	Start	End
Proposal Review	10/23/2017	- 10/24/2017
Proposal Review	10/30/2017	- 11/01/2017
Proposal Review	11/02/2017	- 11/03/2017
Proposal Review	11/06/2017	- 11/08/2017
Proposal Review	11/06/2017	- 11/08/2017
Proposal Review	11/07/2017	- 11/09/2017
Proposal Review	11/13/2017	- 11/14/2017
Proposal Review	11/15/2017	- 11/16/2017
Proposal Review	01/26/2018	- 01/26/2018
Proposal Review	02/05/2018	- 02/07/2018
Proposal Review	02/15/2018	- 02/16/2018
Proposal Review	03/21/2018	- 03/23/2018
Proposal Review	03/27/2018	- 03/29/2018
Proposal Review	04/11/2018	- 04/13/2018
Proposal Review	04/16/2018	- 04/17/2018
Proposal Review	04/18/2018	- 04/19/2018
Proposal Review	05/02/2018	- 05/04/2018
Proposal Review	05/02/2018	- 05/04/2018
Proposal Review	05/02/2018	- 05/04/2018

Proposal Review	05/03/2018	- 05/04/2018
Proposal Review	05/07/2018	- 05/09/2018
Proposal Review	05/15/2018	- 05/16/2018
Proposal Review	05/16/2018	- 05/18/2018
Proposal Review	05/17/2018	- 05/18/2018
Proposal Review	05/23/2018	- 05/23/2018

**Number of Committee Meetings Listed: 25**

	<b>Current FY</b>	<b>Next FY</b>
<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$391,680.00	\$400,000.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$376,324.03	\$375,000.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$112,295.98	\$115,000.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$15,996.31	\$16,000.00
<b>18d. Total</b>	\$896,296.32	\$906,000.00
<b>19. Federal Staff Support Years (FTE)</b>	2.31	2.40

**20a. How does the Committee accomplish its purpose?**

Twenty five panel committee meetings were held this year to review over 1300 proposals submitted for funding by the Division of Earth Sciences. These committees advise program officers on the merits of these proposals, using the explicit merit review criteria defined by NSF in the grant proposal guide. The expertise of these many committee members is needed to help program officers make informed decisions on the awards to be supported by the Division in any one year. The yearly budget of the Division of Earth Sciences is approximately \$160 million dollars.

**20b. How does the Committee balance its membership?**

The Division of Earth Sciences selects members that have the necessary scientific expertise to cover the many disciplines under review in any one year. The selection of committee members is also balanced in terms of geography and institutional types, demographic characteristics of the panelists, and stage in their academic careers.

**20c. How frequent and relevant are the Committee Meetings?**

The number of panel committee meetings varies according to the requirements of each solicited competition. Most of the research programs in the Division of Earth Sciences require one or two panel meetings per year, accounting for most of the 25 committee meetings listed in this report. Additional meetings associated with special competitions for federal dollars are added on a need basis. The vast majority of the proposals in the

Division of Earth Sciences undergo evaluation of their merits using these panel meetings.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The range of scientific expertise comprised in these panels greatly expands the knowledge base available internally. Also, active scientists in the field have the state-of-the-art expertise needed to help program officers narrow down the awards to be recommended for funding, and balance the needs of the scientific community represented by each program. The advice provided by these panel committees is essential to make sure that the health of the scientific community stays strong

**20e. Why is it necessary to close and/or partially closed committee meetings?**

The proposals contain confidential information and proprietary intellectual content that belong to the investigators and their institutions. As such, proposals submitted to NSF are treated confidentially throughout the merit review process.

**21. Remarks**

None

**Designated Federal Officer**

Lina Patino Director, Division of Earth Sciences

Committee Members	Start	End	Occupation	Member Designation
Ajami, Hoori	10/01/2017	09/30/2018	University of California, Riverside	Special Government Employee (SGE) Member
Allen, Michael	10/01/2017	09/30/2018	Old Dominion University	Special Government Employee (SGE) Member
Anderson, Sarah	10/01/2017	09/30/2018	University of California, Santa Barbara	Special Government Employee (SGE) Member
Andrews, Graham	10/01/2017	09/30/2018	West Virginia University	Special Government Employee (SGE) Member
Angstmann, Julia	10/01/2017	09/30/2018	Butler University	Special Government Employee (SGE) Member
Antinao, Jose Luis	10/01/2017	09/30/2018	Indiana University Bloomington	Special Government Employee (SGE) Member
Appold, Martin	10/01/2017	09/30/2018	University of Missouri at Columbia	Special Government Employee (SGE) Member
Archer, Christina	10/01/2017	09/30/2018	University of Delaware	Special Government Employee (SGE) Member
Aronson, Emma	10/01/2017	09/30/2018	University of California, Riverside	Special Government Employee (SGE) Member
Baldwin, Julia	10/01/2017	09/30/2018	University of Montana	Special Government Employee (SGE) Member
Barnes, Jaime	10/01/2017	09/30/2018	University of Texas at Austin	Special Government Employee (SGE) Member
Barnes, Rebecca	10/01/2017	09/30/2018	Colorado College	Special Government Employee (SGE) Member
Beard, Brian	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member

Bennett, Richard	10/01/2017	09/30/2018	University of Arizona	Special Government Employee (SGE) Member
Bennett, Sean	10/01/2017	09/30/2018	University at Buffalo	Special Government Employee (SGE) Member
Berke, Melissa	10/01/2017	09/30/2018	University of Notre Dame	Special Government Employee (SGE) Member
Bierman, Paul	10/01/2017	09/30/2018	University of Vermont	Special Government Employee (SGE) Member
Bohon, Wendy	10/01/2017	09/30/2018	Incorporated Research Institutions for Seismology	Special Government Employee (SGE) Member
Bolster, Diogo	10/01/2017	09/30/2018	University of Notre Dame	Special Government Employee (SGE) Member
Bonamici, Chloe	10/01/2017	09/30/2018	New Mexico Institute of Mining and Technology	Special Government Employee (SGE) Member
Borsa, Adrian	10/01/2017	09/30/2018	University of California, San Diego	Special Government Employee (SGE) Member
Borsuk, Mark	10/01/2017	09/30/2018	Duke University	Special Government Employee (SGE) Member
Boudreau, Alan	10/01/2017	09/30/2018	Duke University	Special Government Employee (SGE) Member
Bowen, Brenda	10/01/2017	09/30/2018	University of Utah	Special Government Employee (SGE) Member
Brown, Erik	10/01/2017	09/30/2018	University of Minnesota Duluth	Special Government Employee (SGE) Member
Bryce, Julia	10/01/2017	09/30/2018	University of New Hampshire	Special Government Employee (SGE) Member
Burdick, Scott	10/01/2017	09/30/2018	Wayne State University	Special Government Employee (SGE) Member
Burney, Jennifer	10/01/2017	09/30/2018	University of California, San Diego	Special Government Employee (SGE) Member
Carmichael, Sarah	10/01/2017	09/30/2018	Appalachian State University	Special Government Employee (SGE) Member
Carrapa, Barbara	10/01/2017	09/30/2018	University Of Arizona	Special Government Employee (SGE) Member
Carrel, Margaret	10/01/2017	09/30/2018	University Of Iowa	Special Government Employee (SGE) Member
Caughlin, Trevor	10/01/2017	09/30/2018	Boise State University	Special Government Employee (SGE) Member
Cecil, M. Robinson	10/01/2017	09/30/2018	California State University-Northridge	Special Government Employee (SGE) Member
Cerrato, Jose	10/01/2017	09/30/2018	University of New Mexico	Special Government Employee (SGE) Member
Chamberlain, C. Page	10/01/2017	09/30/2018	Stanford University	Special Government Employee (SGE) Member
Cherkauer, Keith	10/01/2017	09/30/2018	Purdue University	Special Government Employee (SGE) Member
Chermak, Janie	10/01/2017	09/30/2018	University of New Mexico	Special Government Employee (SGE) Member
Cheruvelil, Kendra Spence	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Chorover, Jon	10/01/2017	09/30/2018	University of Arizona	Special Government Employee (SGE) Member
Clinton, Sandra	10/01/2017	09/30/2018	University of North Carolina at Charlotte	Special Government Employee (SGE) Member
Codding, Brian	10/01/2017	09/30/2018	University of Utah	Special Government Employee (SGE) Member
Coleman, Drew	10/01/2017	09/30/2018	University of North Carolina at Chapel Hill	Special Government Employee (SGE) Member

Cooke, Michele	10/01/2017 09/30/2018	University of Massachusetts Amherst	Special Government Employee (SGE) Member
Creveling, Jessica	10/01/2017 09/30/2018	Oregon State University	Special Government Employee (SGE) Member
Crider, Juliet	10/01/2017 09/30/2018	University of Washington	Special Government Employee (SGE) Member
Crispin, Katherine	10/01/2017 09/30/2018	Pennsylvania State University	Special Government Employee (SGE) Member
Dahl, Elizabeth	10/01/2017 09/30/2018	Loyola University Maryland	Special Government Employee (SGE) Member
Davis, Fred	10/01/2017 09/30/2018	University of Minnesota Duluth	Special Government Employee (SGE) Member
Davis, James	10/01/2017 09/30/2018	Columbia University	Special Government Employee (SGE) Member
Dera, Przemyslaw	10/01/2017 09/30/2018	University of Hawaii	Special Government Employee (SGE) Member
Dimova, Natasha	10/01/2017 09/30/2018	University of Alabama Tuscaloosa	Special Government Employee (SGE) Member
Dixon, Timothy	10/01/2017 09/30/2018	University of South Florida	Special Government Employee (SGE) Member
Dorfman, Susannah	10/01/2017 09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Dunning, Richard	10/01/2017 09/30/2018	Normandale Community College	Special Government Employee (SGE) Member
Edwards, Benjamin	10/01/2017 09/30/2018	Dickinson College	Special Government Employee (SGE) Member
Elbanna, Ahmed	10/01/2017 09/30/2018	University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Elliott, W. Crawford	10/01/2017 09/30/2018	Georgia State University	Special Government Employee (SGE) Member
Elrick, Maya	10/01/2017 09/30/2018	University of New Mexico	Special Government Employee (SGE) Member
Ely, Lisa	10/01/2017 09/30/2018	Central Washington University	Special Government Employee (SGE) Member
Emanuel, Ryan	10/01/2017 09/30/2018	North Carolina State University	Special Government Employee (SGE) Member
Emery Thompson, Melissa	10/01/2017 09/30/2018	University of New Mexico	Special Government Employee (SGE) Member
Engel, Annette	10/01/2017 09/30/2018	University of Tennessee Knoxville	Special Government Employee (SGE) Member
Eppes, Martha	10/01/2017 09/30/2018	University of North Carolina at Charlotte	Special Government Employee (SGE) Member
Ersing, Robin	10/01/2017 09/30/2018	University of South Florida	Special Government Employee (SGE) Member
Fagan, Matthew	10/01/2017 09/30/2018	University of Maryland Baltimore County	Regular Government Employee (RGE) Member
Fei, Songlin	10/01/2017 09/30/2018	Purdue University	Special Government Employee (SGE) Member
Fei, Yingwei	10/01/2017 09/30/2018	Carnegie Institution of Washington	Special Government Employee (SGE) Member
Ferre, Eric	10/01/2017 09/30/2018	University of Louisiana at Lafayette	Special Government Employee (SGE) Member
Finley, Andrew	10/01/2017 09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Fiore, Arlene	10/01/2017 09/30/2018	Columbia University	Special Government Employee (SGE) Member
Flores, Alejandro	10/01/2017 09/30/2018	Boise State University	Special Government Employee (SGE) Member

French, Melodie	10/01/2017 09/30/2018 Rice University	Special Government Employee (SGE) Member
Gastaldo, Robert	10/01/2017 09/30/2018 Colby College	Special Government Employee (SGE) Member
Genareau, Kimberly	10/01/2017 09/30/2018 University of Alabama Tuscaloosa	Special Government Employee (SGE) Member
Gerbi, Christopher	10/01/2017 09/30/2018 University of Maine	Special Government Employee (SGE) Member
Gilbert, Hersh	10/01/2017 09/30/2018 University of Calgary	Special Government Employee (SGE) Member
Godsey, Sarah	10/01/2017 09/30/2018 Idaho State University	Special Government Employee (SGE) Member
Goheen, Jacob	10/01/2017 09/30/2018 University of Wyoming	Special Government Employee (SGE) Member
Goldsby, David	10/01/2017 09/30/2018 University of Pennsylvania	Special Government Employee (SGE) Member
Graham, Wendy	10/01/2017 09/30/2018 University of Florida	Special Government Employee (SGE) Member
Guenthner, William	10/01/2017 09/30/2018 University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Hall, Brenda	10/01/2017 09/30/2018 University of Maine	Special Government Employee (SGE) Member
Hapke, Holly	10/01/2017 09/30/2018 University of California, Irvine	Special Government Employee (SGE) Member
Harman, Ciaran	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Hetland, Eric	10/01/2017 09/30/2018 University of Michigan Ann Arbor	Special Government Employee (SGE) Member
Hill, Mary	10/01/2017 09/30/2018 University of Kansas	Special Government Employee (SGE) Member
Hillman, Aubrey	10/01/2017 09/30/2018 University of Louisiana at Lafayette	Special Government Employee (SGE) Member
Holt, William	10/01/2017 09/30/2018 SUNY at Stony Brook	Special Government Employee (SGE) Member
Holtgrieve, Gordon	10/01/2017 09/30/2018 University of Washington	Special Government Employee (SGE) Member
Hopkins, Kristina	10/01/2017 09/30/2018 U.S. Geological Survey, Rayleigh	Regular Government Employee (RGE) Member
Hourigan, Jeremy	10/01/2017 09/30/2018 University of California, Santa Cruz	Special Government Employee (SGE) Member
Hren, Michael	10/01/2017 09/30/2018 University of Connecticut	Special Government Employee (SGE) Member
Hughes, Zoe	10/01/2017 09/30/2018 Boston University	Special Government Employee (SGE) Member
Hurteau, Matthew	10/01/2017 09/30/2018 University of New Mexico	Special Government Employee (SGE) Member
Isaacson, Peter	10/01/2017 09/30/2018 University of Idaho	Special Government Employee (SGE) Member
Jackson, Rhett	10/01/2017 09/30/2018 University of Georgia	Special Government Employee (SGE) Member
Jepson, Wendy	10/01/2017 09/30/2018 Texas A&M University Main Campus	Special Government Employee (SGE) Member
Jin, Lixin	10/01/2017 09/30/2018 University of Texas at El Paso	Special Government Employee (SGE) Member
Johannesson, Karen	10/01/2017 09/30/2018 Tulane University	Special Government Employee (SGE) Member
Johnson, Cari	10/01/2017 09/30/2018 University of Utah	Special Government Employee (SGE) Member

Johnson, Thomas	10/01/2017	09/30/2018	University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Jordan, Teresa	10/01/2017	09/30/2018	Cornell University	Special Government Employee (SGE) Member
Kalipeni, Ezekiel	10/01/2017	09/30/2018	University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Kirby, Eric	10/01/2017	09/30/2018	Oregon State University	Special Government Employee (SGE) Member
Kirwan, Matthew	10/01/2017	09/30/2018	College of William & Mary Virginia Institution	Special Government Employee (SGE) Member
Krajewski, Witold	10/01/2017	09/30/2018	University of Iowa	Special Government Employee (SGE) Member
Lall, Upmanu	10/01/2017	09/30/2018	Columbia University	Special Government Employee (SGE) Member
Lam, Nina	10/01/2017	09/30/2018	Louisiana State University	Special Government Employee (SGE) Member
Lany, Nina	10/01/2017	09/30/2018	Michigan State University	Special Government Employee (SGE) Member
Lapusta, Nadia	10/01/2017	09/30/2018	California Institute of Technology	Special Government Employee (SGE) Member
Levander, Alan	10/01/2017	09/30/2018	William Marsh Rice University	Special Government Employee (SGE) Member
Lewis, Jonathan	10/01/2017	09/30/2018	Indiana University of Pennsylvania	Special Government Employee (SGE) Member
Liang, Yan	10/01/2017	09/30/2018	Brown University	Special Government Employee (SGE) Member
Liu, Lijun	10/01/2017	09/30/2018	University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Loheide, Steven	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member
Long, Maureen	10/01/2017	09/30/2018	Yale University	Special Government Employee (SGE) Member
Lyons, Kate	10/01/2017	09/30/2018	University of Nebraska, Lincoln	Special Government Employee (SGE) Member
MaGilligan, Francis	10/01/2017	09/30/2018	Dartmouth College	Special Government Employee (SGE) Member
Manda, Alex	10/01/2017	09/30/2018	East Carolina University	Special Government Employee (SGE) Member
Marcot, Jonathan	10/01/2017	09/30/2018	University of California, Los Angeles	Special Government Employee (SGE) Member
Marenco, Pedro	10/01/2017	09/30/2018	Bryn Mawr College	Special Government Employee (SGE) Member
Marks, Daniel	10/01/2017	09/30/2018	USDA Agricultural Research Service	Regular Government Employee (RGE) Member
Masiello, Caroline	10/01/2017	09/30/2018	Rice University	Special Government Employee (SGE) Member
Matoza, Robin	10/01/2017	09/30/2018	University of California, Santa Barbara	Special Government Employee (SGE) Member
Matson, Sam	10/01/2017	09/30/2018	Boise State University	Special Government Employee (SGE) Member
McGinnis, David	10/01/2017	09/30/2018	Montana State University, Billings	Special Government Employee (SGE) Member
McGuire, Jenny	10/01/2017	09/30/2018	Georgia Tech - School of Biology	Special Government Employee (SGE) Member
McIntosh, Jennifer	10/01/2017	09/30/2018	University of Arizona	Special Government Employee (SGE) Member
McLaskey, Gregory	10/01/2017	09/30/2018	Cornell University	Special Government Employee (SGE) Member

McLean, Noah	10/01/2017	09/30/2018	University of Kansas	Special Government Employee (SGE) Member
McMillan, Sara	10/01/2017	09/30/2018	Purdue University	Special Government Employee (SGE) Member
Michel, F. Marc	10/01/2017	09/30/2018	Virginia Technology Associates	Special Government Employee (SGE) Member
Miller, Gretchen	10/01/2017	09/30/2018	Texas A&M University Main Campus	Special Government Employee (SGE) Member
Miller, Josh	10/01/2017	09/30/2018	University of Cincinnati College of Medicine	Special Government Employee (SGE) Member
Mo, Wei-Wei	10/01/2017	09/30/2018	University of New Hampshire	Special Government Employee (SGE) Member
Moore, Gordon	10/01/2017	09/30/2018	University of California, Davis	Special Government Employee (SGE) Member
Moradkhani, Hamid	10/01/2017	09/30/2018	University of Alabama Tuscaloosa	Special Government Employee (SGE) Member
Morell, Kristin	10/01/2017	09/30/2018	University of California, Santa Barbara	Special Government Employee (SGE) Member
Morris, Aisha	10/01/2017	09/30/2018	UNAVCO, Inc.	Special Government Employee (SGE) Member
Morris, James	10/01/2017	09/30/2018	University of South Carolina at Columbia	Special Government Employee (SGE) Member
Moysey, Stephen	10/01/2017	09/30/2018	East Carolina University	Special Government Employee (SGE) Member
Munk, Leeann	10/01/2017	09/30/2018	University of Alaska, Anchorage	Special Government Employee (SGE) Member
Murtha, Timothy	10/01/2017	09/30/2018	University of Florida	Special Government Employee (SGE) Member
Nealson, Kenneth	10/01/2017	09/30/2018	University of Southern California	Special Government Employee (SGE) Member
Neumann, Rebecca	10/01/2017	09/30/2018	University of Washington	Special Government Employee (SGE) Member
Neupauer, Roseanna	10/01/2017	09/30/2018	University of Colorado at Boulder	Special Government Employee (SGE) Member
Newell, Dennis	10/01/2017	09/30/2018	Utah State University	Special Government Employee (SGE) Member
Newman, Julie	10/01/2017	09/30/2018	Texas A&M University Main Campus	Special Government Employee (SGE) Member
Nittrouer, Jeffrey	10/01/2017	09/30/2018	Rice University	Special Government Employee (SGE) Member
Obob-Ikuenobe, Francisca	10/01/2017	09/30/2018	Missouri University of Science and Technology	Special Government Employee (SGE) Member
Omta, Anne Willem	10/01/2017	09/30/2018	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Orem, William	10/01/2017	09/30/2018	U.S. Geological Survey, Reston	Regular Government Employee (RGE) Member
Ort, Michael	10/01/2017	09/30/2018	Northern Arizona University	Special Government Employee (SGE) Member
Palinkas, Cindy	10/01/2017	09/30/2018	University of Maryland Center for Enviro	Special Government Employee (SGE) Member
Panero, Wendy	10/01/2017	09/30/2018	Ohio State University	Special Government Employee (SGE) Member
Pankow, Kristine	10/01/2017	09/30/2018	University of Utah	Special Government Employee (SGE) Member
Papuga, Shirley	10/01/2017	09/30/2018	Wayne State University	Special Government Employee (SGE) Member
Pavlis, Terry	10/01/2017	09/30/2018	University of Texas at El Paso	Special Government Employee (SGE) Member



Perez-Huerta, Alberto	10/01/2017 09/30/2018	University of Alabama Tuscaloosa	Special Government Employee (SGE) Member
Perez, Adriana	10/01/2017 09/30/2018	El Paso Community College	Special Government Employee (SGE) Member
Pett-Ridge, Julie	10/01/2017 09/30/2018	Oregon State University	Special Government Employee (SGE) Member
Piechota, Thomas	10/01/2017 09/30/2018	Chapman University	Special Government Employee (SGE) Member
Plotnick, Roy	10/01/2017 09/30/2018	University of Illinois at Chicago	Special Government Employee (SGE) Member
Plowright, Raina	10/01/2017 09/30/2018	Montana State University, Bozeman	Special Government Employee (SGE) Member
Powell, Christine	10/01/2017 09/30/2018	University of Memphis	Special Government Employee (SGE) Member
Pritchard, Matthew	10/01/2017 09/30/2018	Cornell University	Special Government Employee (SGE) Member
Regalla, Christine	10/01/2017 09/30/2018	Boston University	Special Government Employee (SGE) Member
Ridley, Moira	10/01/2017 09/30/2018	Texas Tech University	Special Government Employee (SGE) Member
Ritsema, Jeroen	10/01/2017 09/30/2018	University of Michigan Ann Arbor	Special Government Employee (SGE) Member
Robert, Genevieve	10/01/2017 09/30/2018	Bates College	Special Government Employee (SGE) Member
Roecker, Steven	10/01/2017 09/30/2018	Rensselaer Polytechnic Institute	Special Government Employee (SGE) Member
Rudolph, Maxwell	10/01/2017 09/30/2018	University of California, Davis	Special Government Employee (SGE) Member
Russo, Sandra	10/01/2017 09/30/2018	University of Florida	Special Government Employee (SGE) Member
Sallan, Lauren	10/01/2017 09/30/2018	University Of Pennsylvania	Special Government Employee (SGE) Member
Scanlon, Todd	10/01/2017 09/30/2018	University of Virginia	Special Government Employee (SGE) Member
Schmerr, Nicholas	10/01/2017 09/30/2018	University of Maryland	Special Government Employee (SGE) Member
Schmidt, Amanda	10/01/2017 09/30/2018	Oberlin College	Special Government Employee (SGE) Member
Segura, Catalina	10/01/2017 09/30/2018	Oregon State University	Special Government Employee (SGE) Member
Senko, John	10/01/2017 09/30/2018	University of Akron	Special Government Employee (SGE) Member
Severin, Kenneth	10/01/2017 09/30/2018	University of Alaska, Fairbanks	Special Government Employee (SGE) Member
Singer, Michael	10/01/2017 09/30/2018	University of California, Santa Barbara	Special Government Employee (SGE) Member
Singha, Kamini	10/01/2017 09/30/2018	Colorado School of Mines	Special Government Employee (SGE) Member
Skemer, Philip	10/01/2017 09/30/2018	Washington University	Special Government Employee (SGE) Member
Sohn, Robert	10/01/2017 09/30/2018	Woods Hole Oceanographic Institution	Special Government Employee (SGE) Member
Spotila, James	10/01/2017 09/30/2018	Virginia Polytechnic Institute and State	Special Government Employee (SGE) Member
Steele, Meredith	10/01/2017 09/30/2018	Virginia Polytechnic Institute and State	Special Government Employee (SGE) Member
Stone, Mark	10/01/2017 09/30/2018	University of New Mexico	Special Government Employee (SGE) Member

Straub, Kyle	10/01/2017	09/30/2018	Tulane University	Special Government Employee (SGE) Member
Strauss, Justin	10/01/2017	09/30/2018	Dartmouth College	Special Government Employee (SGE) Member
Sullivan, Pamela	10/01/2017	09/30/2018	University of Kansas	Special Government Employee (SGE) Member
Tamulonis, Kathryn	10/01/2017	09/30/2018	Allegheny College	Special Government Employee (SGE) Member
Teng, Henry	10/01/2017	09/30/2018	George Washington University	Special Government Employee (SGE) Member
Thorne, Michael	10/01/2017	09/30/2018	University of Utah	Special Government Employee (SGE) Member
Thurber, Clifford	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member
Tinoco Lopez, Rafael Omar	10/01/2017	09/30/2018	University of Illinois at Urbana-Champaign	Special Government Employee (SGE) Member
Titus, Sarah	10/01/2017	09/30/2018	Carleton College	Special Government Employee (SGE) Member
Tominaga, Masako	10/01/2017	09/30/2018	Woods Hole Oceanographic Institution	Special Government Employee (SGE) Member
Tonina, Daniele	10/01/2017	09/30/2018	University of Idaho	Special Government Employee (SGE) Member
Torres, Raymond	10/01/2017	09/30/2018	University of South Carolina at Columbia	Special Government Employee (SGE) Member
Vanni, Michael	10/01/2017	09/30/2018	Miami University Oxford Campus	Special Government Employee (SGE) Member
Vanorio, Tiziana	10/01/2017	09/30/2018	Stanford University	Special Government Employee (SGE) Member
Vengosh, Avner	10/01/2017	09/30/2018	Duke University	Special Government Employee (SGE) Member
Walker, Richard	10/01/2017	09/30/2018	University of Maryland	Special Government Employee (SGE) Member
Ward, Adam	10/01/2017	09/30/2018	Indiana University Bloomington	Special Government Employee (SGE) Member
Weil, Arlo	10/01/2017	09/30/2018	Bryn Mawr College	Special Government Employee (SGE) Member
Wells, Michael	10/01/2017	09/30/2018	University of Nevada, Las Vegas	Special Government Employee (SGE) Member
Wemple, Beverley	10/01/2017	09/30/2018	University of Vermont and State Agriculture	Special Government Employee (SGE) Member
Wenner, Jennifer	10/01/2017	09/30/2018	University of Wisconsin-Oshkosh	Special Government Employee (SGE) Member
Wernette, Phillipe	10/01/2017	09/30/2018	University of Windsor	Special Government Employee (SGE) Member
West, Nicole	10/01/2017	09/30/2018	Central Michigan University	Special Government Employee (SGE) Member
Wilcox, Andrew	10/01/2017	09/30/2018	University of Montana	Special Government Employee (SGE) Member
Wilkins, Michael	10/01/2017	09/30/2018	Ohio State University	Special Government Employee (SGE) Member
Williams, Curtis	10/01/2017	09/30/2018	University of California, Davis	Special Government Employee (SGE) Member
Williams, John	10/01/2017	09/30/2018	University of Wisconsin-Madison	Special Government Employee (SGE) Member
Williams, Michael	10/01/2017	09/30/2018	University of Massachusetts Amherst	Special Government Employee (SGE) Member
Wing, Boswell	10/01/2017	09/30/2018	University of Colorado at Boulder	Special Government Employee (SGE) Member

Wong, Corinne	10/01/2017 09/30/2018 Boston College	Special Government Employee (SGE) Member
Yanites, Brian	10/01/2017 09/30/2018 Indiana University	Special Government Employee (SGE) Member
Yin, An	10/01/2017 09/30/2018 University of California, Los Angeles	Special Government Employee (SGE) Member
Young, Seth	10/01/2017 09/30/2018 Florida State University	Special Government Employee (SGE) Member
Zaitchik, Benjamin	10/01/2017 09/30/2018 Johns Hopkins University	Special Government Employee (SGE) Member
Zhang, Jin	10/01/2017 09/30/2018 University of New Mexico	Special Government Employee (SGE) Member
Zhang, Robin	10/01/2017 09/30/2018 Murray State University	Special Government Employee (SGE) Member
Zhong, Shijie	10/01/2017 09/30/2018 University of Colorado at Boulder	Special Government Employee (SGE) Member
Zhu, Wenlu	10/01/2017 09/30/2018 University of Maryland	Special Government Employee (SGE) Member
Zimmerman, Susan	10/01/2017 09/30/2018 Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
van Leeuwen, Wim	10/01/2017 09/30/2018 University of Arizona	Special Government Employee (SGE) Member
van Wijk, Jolante	10/01/2017 09/30/2018 New Mexico Institute of Mining and Technology	Special Government Employee (SGE) Member
van der Kolk, Dolores	10/01/2017 09/30/2018 Texas State University - San Marcos	Special Government Employee (SGE) Member

### Number of Committee Members Listed: 229

### Narrative Description

The NSF mission is set out in the NSF Act of 1950 authorizes and directs the agency to initiate and support; basic scientific research and research fundamental to the engineering process; and sciences and engineering education programs at all levels and in all fields science and engineering. The involvement of knowledgeable peers from outside the Foundation in the review of proposals is the keystone of NSF's proposal review system. Their judgements of the extent to which proposals address the merit review criteria are vital for informing NSF staff and influencing recommendations.

### What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>

Other

☐

### Outcome Comments

NA

### What are the cost savings associated with this committee?

Checked if Applies

None

☐

Unable to Determine

☒

Under \$100,000

☐

\$100,000 - \$500,000

☐

\$500,001 - \$1,000,000

☐

\$1,000,001 - \$5,000,000

☐

\$5,000,001 - \$10,000,000

☐

Over \$10,000,000

☐

Cost Savings Other

☐

### Cost Savings Comments

The use of panelists to review proposals for the Agency is an invaluable asset. The cost of obtaining the expertise, insight, and information received by the Division using alternative methods, such as hiring the expertise as full or part-time employees, would be extremely high.

### What is the approximate Number of recommendations produced by this committee for the life of the committee?

1,320

### Number of Recommendations Comments

This is an ongoing committee. Therefore, the number of recommendations produced by the committee is for the fiscal year.

### What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

### % of Recommendations Fully Implemented Comments

The word implement is not applicable to grant review panels. All recommendations are considered by the agency.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

Not applicable

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☒ No ☐ Not Applicable ☐

### **Agency Feedback Comments**

Although panelist may not receive direct feedback, each committee member may use the NSF Fastlane, a public web-base program which provide information on awards made by the agency to determine the outcome of proposals reviewed by the panel.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

### **Action Comments**

NA

**Is the Committee engaged in the review of applications for grants?**

Yes

What is the estimated Number of grants reviewed for approval 1,320

What is the estimated Number of grants recommended for approval 404

What is the estimated Dollar Value of grants recommended for approval \$138,092,721

### **Grant Review Comments**

The panelist/advisory committee members provided information on the merit of the proposal, which includes an overall rating. The number of the proposals above include pre-proposals submitted to NSF for review. The pre-proposals are not included in the

number of grants recommend or dollar value of grants recommended for approval.

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

- |                           |                                     |
|---------------------------|-------------------------------------|
| Contact DFO               | <input checked="" type="checkbox"/> |
| Online Agency Web Site    | <input type="checkbox"/>            |
| Online Committee Web Site | <input type="checkbox"/>            |
| Online GSA FACA Web Site  | <input type="checkbox"/>            |
| Publications              | <input type="checkbox"/>            |
| Other                     | <input type="checkbox"/>            |

**Access Comments**

N/A